



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL

FORM OGC 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

☒ APPLICATION TO DRILL ☐ DEEPEN ☐ PLUG BACK ☒ FOR AN OIL WELL ☒ OR GAS WELL

NAME OF COMPANY OR OPERATOR
PENSE BROTHERS DRILLING Co., INC.
ADDRESS
P.O. Box 551
CITY
FREDERICKTOWN
STATE
MO
ZIP CODE
63645

DESCRIPTION OF WELL AND LEASE
NAME OF LEASE
W. R. McMAHON, ET UX
WELL NUMBER
2
(DEVELOPMENTAL PER FAX 7/30/93)
ELEVATION (GROUND)
947 (TOPO)

WELL LOCATION
1483 FT. FROM (S) SECTION LINE **330** FEET FROM (E) SECTION LINE
SECTION
5
TOWNSHIP
43N
RANGE
33W
COUNTY
CASS

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE **167'** FEET

DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE **330** FEET

PROPOSED DEPTH
325'
DRILLING CONTRACTOR, NAME AND ADDRESS
PENSE BROS. DRG. Co., Inc. 63645
ROTARY OR CABLE TOOLS
AIR (ROTARY)
APPROX. DATE WORK WILL START
ON PERMIT
NUMBER OF ACRES IN LEASE
40
NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR **2**
NUMBER OF ABANDONED WELLS ON LEASE **0**

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?

NAME
N/A
ADDRESS
N/A
NO. OF WELLS: PRODUCING **1**
INJECTION **0**
INACTIVE **0**
ABANDONED **0**

STATUS OF BOND ☐ SINGLE WELL AMOUNT \$ ☒ BLANKET BOND AMOUNT \$ **20,000.00** ☒ ON FILE ☐ ATTACHED

REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE; USE BACK OF FORM IF NEEDED.)

N/A.

PROPOSED CASING PROGRAM				APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST			
AMOUNT	SIZE	WT/FT	CEM.	AMOUNT	SIZE	WT/FT	CEM.
50'	7"	17 LB.	TO SURF				
TD TO SURF.	4 1/2"	10.5 LB.	TO SURF				

I, the undersigned, state that I am the **ASSISTANT VICE PRESIDENT** of the **PENSE BROS. DRG. Co., INC.** (company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE
B. E. BLANCETT
DATE
8/23/93

PERMIT NUMBER
#20567
APPROVAL DATE
7/30/93
APPROVED BY
James H. Williams
☒ DRILLER'S LOG REQUIRED ☒ E-LOGS REQUIRED IF RUN
☒ CORE ANALYSIS REQUIRED IF RUN ☒ DRILL STEM TEST INFO. REQUIRED IF RUN
☐ SAMPLES REQUIRED
☒ SAMPLES NOT REQUIRED
☐ WATER SAMPLES REQUIRED AT

NOTE: THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION

APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE.

I, _____ of the _____ Company confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

DRILLER'S SIGNATURE
DATE

MO Oil & Gas Council



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

Form OGC-5

☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ INJECTION ☐ SAME RESERVOIR ☐ DIFFERENT RESERVOIR ☐ OIL ☐ GAS ☒ DRY

OWNER PENSE BROS. DRUG CO., INC.		ADDRESS Box 551, FREDERICKTOWN, MO 63645	
LEASE NAME MCMAHON		WELL NUMBER #2	
LOCATION NE 1/4 SE 1/4		SEC. TWP. AND RANGE OR BLOCK AND SURVEY SEC. 5, T 43N, R 33W,	
COUNTY CASS	PERMIT NUMBER (OGC-3 OR OGC-31) 20567		
DATE SPUDDED 8/25/93	DATE TOTAL DEPTH REACHED	DATE COMPLETED READY TO PRODUCE OR INJECT DRY HOLE N/A	ELEVATION (OF, RKR, RT, OR Gr.) FEET 947 (Gr) (TOPO)
TOTAL DEPTH 300'	PLUG BACK TOTAL DEPTH N/A	ELEVATION OF CASING HD. FLANGE N/A FEET	
PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION DRY HOLE N/A		ROTARY TOOLS USED (INTERVAL) 0' TO 300'	CABLE TOOLS USED (INTERVAL) NIL
WAS THIS WELL DIRECTIONALLY DRILLED? NO	WAS DIRECTIONAL SURVEY MADE? NO	DRILLING FLUID USED AIR WITH WATER	DATE FILED N/A
TYPE OF ELECTRICAL OR OTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST) NO MECHANICAL LOGS - LITHOLOGGY ONLY			DATE FILED 7/17/95

CASING RECORD

CASING (REPORT ALL STRINGS SET IN WELL - CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCING, ETC.)

PURPOSE	SIZE HOLE DRILLED	SIZE CASING SET	WEIGHT (LB. FT)	DEPTH SET	SACKS CEMENT	AMOUNT PULLED
SURFACE	8 5/8"	7"	19 LB.	54' 01"	7 SACKS CEMENT 1 SACK GEL AHEAD	NIL

TUBING RECORD

LINER RECORD

SIZE	DEPTH SET	PACKER SET AT	SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
IN.	FEET	FEET	INCH	FEET	FEET	FEET	FEET
			N/A				

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

NUMBER PER FOOT	SIZE AND TYPE	DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL
		DRY HOLE	N/A	

INITIAL PRODUCTION

Oil & Gas Council

DATE OF FIRST PRODUCTION OR INJECTION		PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING - IF PUMPING, SHOW SIZE AND TYPE OF PUMP) N/A				
DATE OF TEST	HOURS TESTED	CHOKE SIZE	OIL PRODUCED DURING TEST N/A bbls.	GAS PRODUCED DURING TEST N/A MCF	WATER PRODUCED DURING TEST N/A bbls.	OIL GRAVITY N/A API (CORR)
TUBING PRESSURE	CASING PRESSURE	CALCULATED RATE OF PRODUCTION PER 24 HOURS N/A		OIL N/A bbls.	GAS N/A MCF	WATER N/A bbls.

DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD)
N/A

METHOD OF DISPOSAL OF MUD PIT CONTENTS **DRILLED WITH AIR ROTARY + WATER, CUTTINGS ONLY IN MUD PIT, OVERTILLED TO SURFACE LEVEL WITH TOPSOIL, PIT AREA RESEEDED - NOW GRASSED OVER.**

CERTIFICATE: I, THE UNDERSIGNED, STATE THAT I AM THE **ASST. V.P.** OF THE **PENSE BROS. DRUG CO., INC.** COMPANY, AND THAT I AM AUTHORIZED BY SAID COMPANY TO MAKE THIS REPORT, AND THAT THIS REPORT WAS PREPARED UNDER MY SUPERVISION AND DIRECTION AND THAT THE FACTS STATED THEREIN ARE TRUE, CORRECT AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DATE 7/17/95	SIGNATURE B E Blauvelt By: B.E. BLANCETT	PENSE BROS. DRUG CO., INC.
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MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
NOTICE OF INTENTION TO ABANDON WELL

FORM OGC-6

NAME OF LEASE <i>W. R. McMAHON, ET AL</i>		DATE <i>7/17/1995</i>	
WELL NUMBER <i>2</i>	LOCATION <i>1483</i> FEET FROM (S) SECTION LINE AND <i>330</i> FEET FROM (E) SECTION LINE OF		
SECTION <i>5</i>	TOWNSHIP <i>43N</i>	RANGE <i>R33W</i>	COUNTY <i>CASS</i>
THE ELEVATION OF THE GROUND AT WELL SITE IS ____ FEET ABOVE SEA LEVEL.		PERMIT NUMBER (OGC-3 OR OGC-31 NUMBER) <i>20567</i>	

NAME OF CONTRACTOR OR COMPANY THAT WILL DO WORK IS:

<i>COMPANY TOOLS, PENSE BROTHERS DRILLING CO., INC.</i>			
ADDRESS <i>800 NEWBERRY ST. Box 551</i>	CITY <i>FREDERICKTOWN</i>	STATE <i>MO</i>	ZIP CODE <i>63645</i>

DETAILS OF WORK (INDICATE SIZE, KIND, AND DEPTH OF PLUGS, WHERE CASING WILL BE PULLED, OTHER PERTINENT DETAILS)

WELL DRILLED TO 300' T.D., 54' 01" OF SURFACE CASING CEMENTED TO SURFACE WITH 7 SACKS CEMENT WITH 1 SACK GEL AHEAD.

AFTER DRILLING INTENT WAS TO EFFECT INJECTION WELL BUT SUCH INTENT ABANDONED.

CUT CASING OFF APPROXIMATELY 4' FROM SURFACE, PLACE 25' + CEMENT AT BASE OF HOLE & MINIMUM OF 20' IMMEDIATELY BELOW CUT OF CASING & BALANCE OF HOLE TO BE FILLED WITH HEAVY MUD, OR CEMENT OR BOTH.

DRILLED WITH AIR ROTARY AND WATER, CUTTINGS ONLY IN MUD PIT, FILLED TO SURFACE LEVEL, & SURFACE OF PIT AREA RESEEDED - NOW GRASS COVERED.

RECEIVED
JUL 24 1995

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CERTIFICATE: I, the undersigned, state that I am the *ASS'T. V. P.* of the *Pense Bros. Drilling Co., Inc.* (company), and that I am authorized to make this report; and that this report was prepared under my supervision and direction and that the facts stated herein are true, correct, and complete to the best of my knowledge.

SIGNATURE <i>B. E. Blance II</i> <i>By: B. E. BLANCE II, ASS'T. V. P.</i>	<i>PENSE BROS. DRILLING CO., INC.</i>	DATE <i>7/17/95</i>
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MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
PLUGGING RECORD

FORM OGC 7

OWNER PENSE BROTHERS DRILLING CO., INC.		ADDRESS Box 551, FREDERICKTOWN, MD 63645	
NAME OF LEASE W. R. McMAHON, ET. UX.		WELL NUMBER 2	PERMIT NUMBER (OGC-3 OR OGC-31 NUMBER) 20567
LOCATION OF WELL NE/4 SE/4		SEC-TWP-RNG OR BLOCK & SURVEY 5-43N-33W	COUNTY CASS
APPLICATION TO DRILL THIS WELL WAS FILED IN NAME OF: PENSE BROS. DRILG. CO., INC.		HAS THIS WELL EVER PRODUCED OIL OR GAS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CHARACTER OF WELL AT COMPLETION (INITIAL PRODUCTION) OIL (BBLS/DAY) NIL GAS (MCF/DAY) NIL DRY? DRY HOLE
DATE ABANDONED 7/17/95	TOTAL DEPTH 300'	AMOUNT WELL PRODUCING PRIOR TO ABANDONMENT OIL (BBLS/DAY) NIL GAS (MCF/DAY) NIL	WATER (BBLS/DAY) NIL

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Name of each formation containing oil or gas. Indicate which formation open to well bore at time of abandonment.	Fluid content of each formation	Depth interval of each formation	Size, kind, & depth of plugs used, giving amount cement.
"HEPLER"	NEGLIGIBLE SHOW DRY GAS & SLIGHT OIL	228-232	AS DESCRIBED
9/07/95 HOLE FILLED WITH GELLED MUD TO 100' FROM SURFACE, CEMENTED FROM 295' UP TO 201' HEAVY GELLED MUD FROM 201' UP TO 20' CEMENTED FROM 20' TO APPROX 3' FROM SURFACE, CASING CUT OFF 3' FROM SURFACE.			

SIZE PIPE	PUT IN WELL (FT)	PULLED OUT (FT)	LEFT IN WELL (FT)	GIVE DEPTH AND METHOD OF PARTING CASING (SHOT, RIPPED, ETC.)	PACKERS AND SHOES
7"	54' 00"	NIL	51' 00"	CASING CUT OFF 3' BELOW SURE	NIL
PLUGGED WITH COMPANY TOOLS, LARRY PENSE, OPERATOR.					

WAS WELL FILLED WITH MUD-LADEN FLUID? SEE ABOVE	INDICATE DEEPEST FORMATION CONTAINING FRESH WATER NEGLIGIBLE FRESH WATER ENCOUNTERED
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NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE		
NAME	ADDRESS	DIRECTION FROM THIS WELL
O (OPERATOR) PENSE BROS. DRILG. CO., INC.	Box 551, FREDERICKTOWN, MD 63645	N/A
W. R. McMAHON	DREXEL, MD	1/4 MILE NORTHWEST

METHOD OF DISPOSAL OF MUD PIT CONTENTS DRILLED WITH ROTARY AIR RIG CUTTINGS ONLY TO PIT OVERFILLED WITH TOPSOIL TO SURFACE, RESEEDED AND NOW GRASSED OVER.
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NOTE: FILE THIS FORM IN DUPLICATE WITH (USE REVERSE SIDE FOR ADDITIONAL DETAIL)

CERTIFICATE: I, the undersigned, state that I am the **ASSY. V. P.** of the **Pense Bros Drilg Co, Inc** (Company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE: **R. E. Blaneett** BY **PENSE BROS DRILG CO INC** DATE **9/17/95**

54' 1" SURF CSG.
7 SACKS CEMENT
1 SACK GEL AHEAD

20567 - MCMAHON # 2

BEB
8/27/93

- 0-4 TOPSOIL, SANDY CLAY, LIGHT BROWN
0-7 CLAY, BLOCKY, TAN TO REDDISH-BROWN
7-15 CLAY, BLOCKY, TAN TO GREY
15-50 LIMESTONE, (WINTERSET)
50-54 SHALE, DENSE, GREY TO LIGHT GREY
54-72 LIMESTONE, (Botham Falls)
72-77 SHALE, SANDY, GREY TO BLUE GREY
77-85 LIMESTONE, (KANSAS CITY)
85-88 SHALE, GREY TO DARK GREY
88-93 LIMESTONE, (HERTHA)
93-226 SHALE TO SILTSTONE TO SANDY SHALE, SLIGHT SANDSTONE
STRIATIONS
226-228 SHALE, DARK GREY TO BLACK.
228-232 SANDSTONE, FINE GRAINED, CALCITIC, NEGLIGIBLE SHOWS
FLUORESCENCE. SLIGHT GAS MEASUREMENT, GOOD ODOR,
VERY SLIGHT AMT. OF OIL TO PIT.
232-281 SHALE, GREY, CALCAREOUS
281-300 SHALE, GREY TO BLUE GREY, SLIGHTLY CALCAREOUS.
T.D. 300'

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SEP 19 1995

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W. C. LETHCHO
COUNTY ENGINEER & SURVEYOR
Bates County Court House
BUTLER, MO. 64730
Phone 679-4031

WELL REFERENCE TIES IN THE NE $\frac{1}{4}$ SE $\frac{1}{4}$
5-43-33 IN CASS COUNTY MISSOURI.

FOR: PENSE BROTHERS DRILLING CO. INC.
ADRIAN MO 64720
816-297-4433

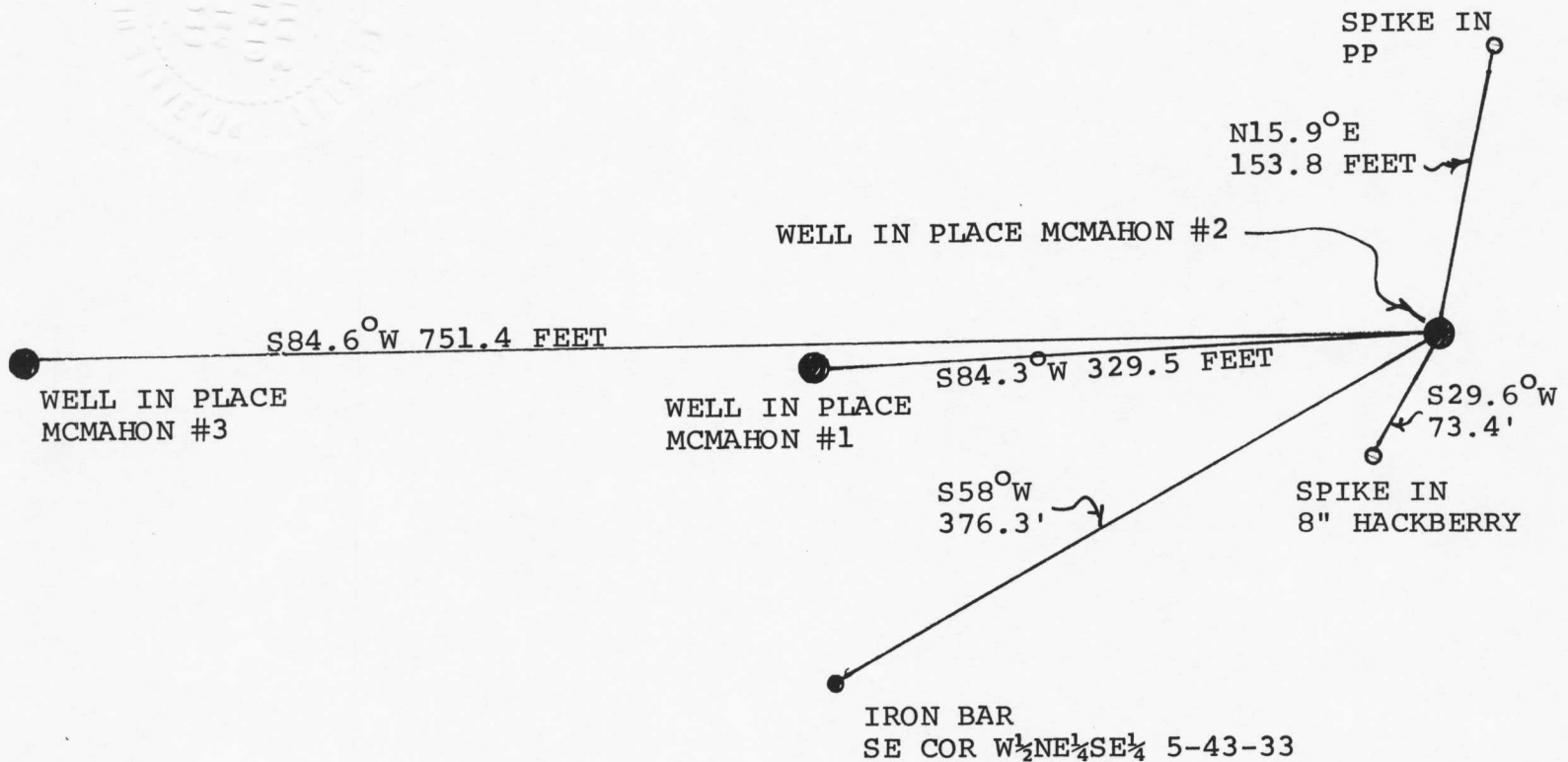
SHEET 1 OF 2



1"=100'
MAG BRGS
8° EAST DECL

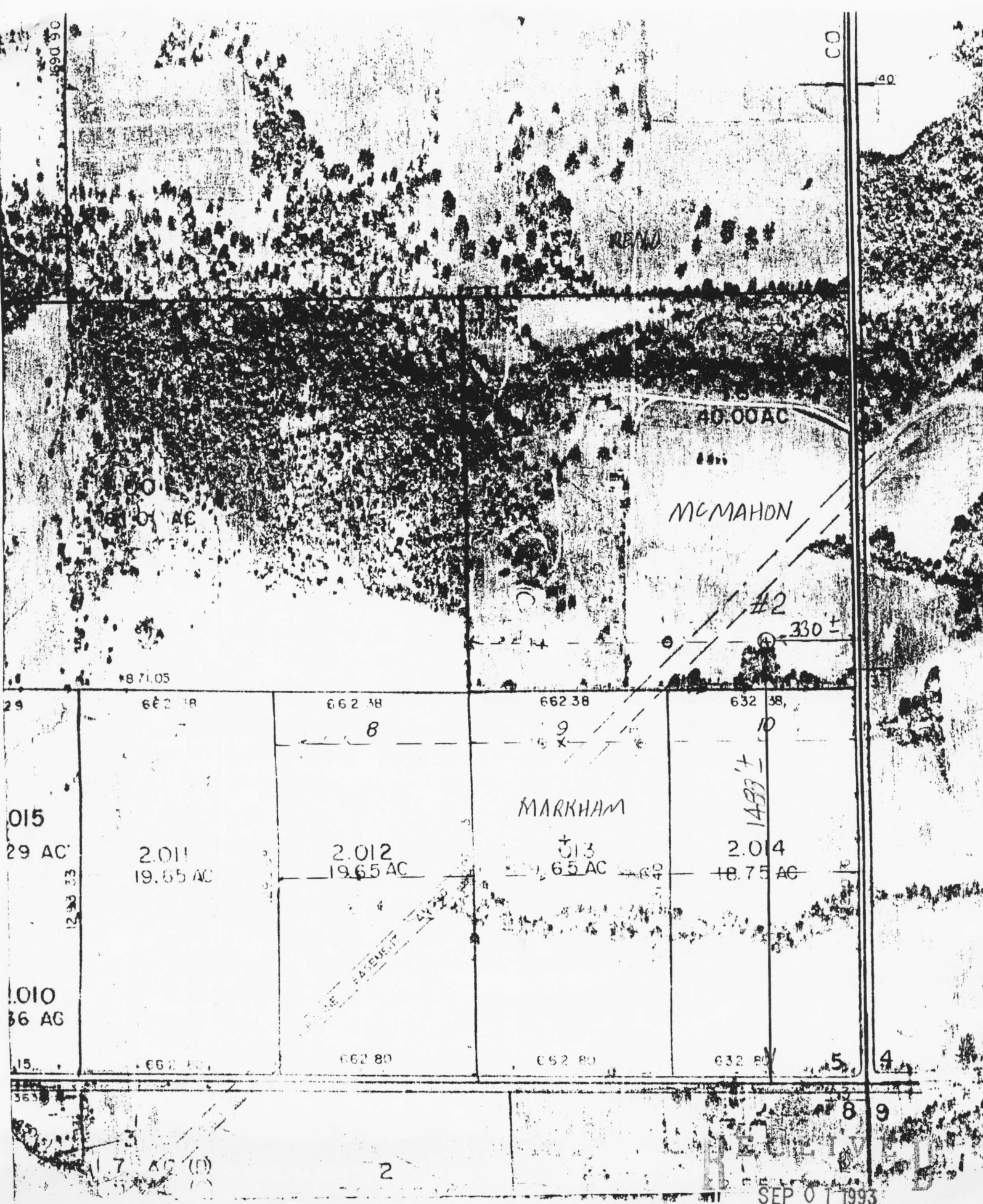
THIS IS TO CERTIFY THE REFERENCE TIES SHOWN
ARE IN ACCORDANCE WITH CURRENT MINIMUM STANDARDS.

WILLIAM C. LETHCHO LS-1539 8-22-93



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WELL LOCATION MAP
CASS CO TAX MAP 16-03

Sheet 2 of 2

[Signature]
8-2293

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1" = 400' ±
T43N R33W